

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A measuring arrangement, ~~in particular~~ for spectroscopic measurements on a particulate or a liquid samples, said measuring arrangement comprising:

[[-]]a measuring cuvette (10) for accommodating the sample, having at least one window-(11) through which the sample-(3) can be exposed to radiation, and comprising two shells adapted to form a container for the sample when assembled together; and

[[-]]a rotating mount-(20) with which the measuring cuvette-(10) can be rotated about a predetermined axis of rotation-(1), characterized in that ~~the~~wherein an alignment of the axis of rotation-(1) deviates from a vertical reference direction[[,]].
2. (Currently Amended) The measuring arrangement according to Claim 1, wherein the axis of rotation-(1) is aligned horizontally.
3. (Currently Amended) The measuring arrangement according to Claim 1 or 2, wherein the measuring cuvette-(10) has a coupling device which cooperates with a driving device of the rotating mount-(20).
4. (Currently Amended) The measuring arrangement according to Claim 3, wherein the coupling device has a coupling surface-(18) or a groove for a belt drive.

5. (Currently Amended) The measuring arrangement according to Claim 1 of the preceding claims, wherein the measuring cuvette (10) is composed of two shells (12, 13) which are held together by a ring frame (14).

6. (Currently Amended) The measuring arrangement according to Claim 5, wherein the two shells (12, 13) have different volumes.

7. (Currently Amended) The measuring arrangement according to Claim 1 of the preceding claims, wherein the measuring cuvette (10) contains mechanical mixing elements (19).

8. (Currently Amended) The measuring arrangement according to Claim 1 of the preceding claims, wherein the measuring cuvette (10) has an opening for sample charging and removal.

9. (Currently Amended) A measuring device, in particular for spectroscopic measurements on particulate samples, said measuring device comprising a measuring arrangement according to Claim 1 of the preceding claims and a spectrometer (30).

10. (Currently Amended) The measuring device according to Claim 9 having an actuator unit (40) with which the measuring cuvette (10) can be moved from a loading position into a calibration position or a measurement position.

11. (Currently Amended) A method for spectroscopic measurement on a particulate or liquid sample, said method comprising the steps of:

arranging the sample in a measuring cuvette (10) which can be rotated with a rotating mount (20), and

performing whereby at least two spectroscopic measurements are performed, and wherein
between the measurements, the measuring cuvette-(10) is rotated about an axis of rotation-(1)
which deviates from a vertical reference direction.

12. (Currently Amended) The method according to Claim 11, wherein the measuring cuvette-(10) is rotated about a horizontal axis of rotation-(1) between two measurements.

13. (Currently Amended) The method of Claim 11, comprising the step of~~A use of a measuring arrangement, a measuring device or a method according to one of the preceding claims for~~ spectroscopic analysis of particulate, free-flowing or suspended or liquid samples, in particular agricultural products such as cereal grain or suspensions.

14. (New) The method according to Claim 13, wherein said samples comprise agricultural products.

15. (New) The method according to Claim 14, wherein said agricultural products comprise cereal grain or suspensions.